

1 BILL NO. S-80-02- 09

2 SPECIAL ORDINANCE NO. S- 16-80

3 An Ordinance approving Change Order  
4 No. 6, Water Contract No. 77-W-2,  
5 Water Works Improvements, Filtration  
6 Plant Additions.

7 BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT  
8 WAYNE, INDIANA:

9 Section 1. That Change Order No. 6 to Hagerman-Shambaugh, in  
10 connection with Contract No. 77-W-2, Water Works Improvements -  
11 Filtration Plant Additions, for:

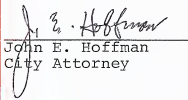
12 the installation of additional piles  
13 (metal casings filled with concrete,  
14 driven fifty (50) feet or so into  
15 ground to support structure being con-  
16 structed),

17 in the amount of \$47,332.00, as set out in the specifications,  
18 which Change Order is on file in the office of the Board of Public  
19 Works and is by reference incorporated herein and made a part  
20 hereof, is hereby in all things ratified, confirmed and approved.

21 Section 2. That this Ordinance shall be effective upon pas-  
22 sage and approval by the Mayor.

23   
24 Councilman

25 Approved as to form  
26 and legality

27   
28 John E. Hoffman  
29 City Attorney  
30  
31  
32

Read the first time in full and on motion by Burns, seconded by Eisbart, and duly adopted, read the second time by title and referred to the Committee City of Fort Wayne (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on February 12, 1980, at 6 o'clock P. M., E.S.T.

DATE: 2-12-80

Charles W. Westerman  
CHARLES W. WESTERMAN  
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Stier, and duly adopted, placed on its passage. PASSED (~~lost~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	<u>9</u>	<u>0</u>			
BURNS	<u>X</u>				
EISBART	<u>X</u>				
GIAQUINTA <u>X</u>	<u>X</u>				
NUCKOLS	<u>X</u>				
SCHMIDT, D.	<u>X</u>				
SCHMIDT, V.	<u>X</u>				
SCHOMBURG	<u>X</u>				
STIER	<u>X</u>				
TALARICO	<u>X</u>				

DATE: 2-26-80

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (~~GENERAL~~) (~~ANNEXATION~~) (~~SPECIAL~~) (APPROPRIATION), ORDINANCE (RESOLUTION), No. S-16-80 on the 26th day of February, 1980.

ATTEST:

(SEAL)

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Vivian H. Schmidt  
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 27th day of February, 1980, at the hour of 11:30 o'clock A M., E.S.T.

Charles W. Westerman  
CHARLES W. WESTERMAN - CITY CLERK

Approved and signed by me this 27th day of Feb. 1980, at the hour of 11 o'clock A M., E.S.T.

Winfield C. Moses, Jr.  
WINFIELD C. MOSES, JR.  
MAYOR

BILL NO. S-80-02-09

REPORT OF THE COMMITTEE ON CITY UTILITIES

WE, YOUR COMMITTEE ON CITY UTILITIES TO WHOM WAS REFERRED AN  
ORDINANCE approving Change Order No. 6, Water Contract No. 77-W-2,  
Water Works Improvements, Filtration Plant Additions

HAVE HAD SAID ORDINANCE UNDER CONSIDERATION AND BEG LEAVE TO REPORT  
BACK TO THE COMMON COUNCIL THAT SAID ORDINANCE go PASS.

PAUL M. BURNS, CHAIRMAN

BEN EISBART, VICE CHAIRMAN

JOHN NUCKOLS

MARK GiaQUINTA

ROY SCHOMBURG

CONCURRED IN

DATE 2/26/80 CHARLES W. WESTERMAN, CITY CLERK

# Memorandum

To Board of Public Works

Date 1/21/80

From Charlene E. Bloom, Administrative Assistant, General Supt.

Subject CHANGE ORDER NO. 6 - 77-W-2

## COPIES TO:

Glen Patrick

I recommend Board of Public Works approval to the attached  
Change Order No. 6 of Contract 77-W-2.

*C. Bloom*  
2/12/80

68-189-15  
1/21/80

## CONSULTING ENGINEERS

2223 Packard Road • Ann Arbor, Michigan 48104 • Phone (313) 769-9220

To: Three Rivers Filtration Plant  
City-County Bldg.  
One Main Street  
Fort Wayne, IN 46802

Date: January 15, 1980  
 Project: Water Works Improvements  
Filtration Plant Additions

Attn: CITY ENGINEER

Contract No.: 77-W-2

Gentlemen:

Agency No.: \_\_\_\_\_

☒ We are enclosing

☐ We are sending under separate cover

The following:

☐ Drawings

☐ Specifications

☒ Change Orders

☐ Pay Estimate

☐ Contract Documents

☐ \_\_\_\_\_

Six (6) copies of Change Order No. 6

For:

☒ Your approval

☐ Your corrections

☐ Your comments

☐ Your execution

☐ Your file

☐ Your signature

Remarks: Please sign all copies and forward on to the next signer for their approval  
and processing.



CC: File  
ADK

By:

*Jill Schultz*  
Jill Schultz

McNAMEE, PORTER & SEELEY  
CONSULTING ENGINEERS  
ANN ARBOR, MICHIGAN

Owner  
68-189-15  
1/21/80

OWNER: City of Fort Wayne, IN

CONTRACTOR: Hagerman-Shambaugh, Joint Bidders  
403 Strauss Building, Fort Wayne, IN 46801

CONTRACT NO. 77-W-2

TITLE: Water Works Improvements  
Filtration Plant Additions

CHANGE ORDER NO. 6

DATE: January 7, 1980

To the Contractor named above:

Under the above contract and upon approval of the Owner, we hereby direct you to furnish the necessary additional labor, material and equipment to:

1. Bulletin No. 5, Items 1-10b&c	ADD, \$ 5,836.00
2. Final quantities of Lineal Footage of piles driven.	ADD, \$ 41,496.00
This Change Order, ADD	\$ 47,332.00

CURRENT CONTRACT AMOUNT	\$14,735,377.00
THIS CHANGE ORDER, (ADD) ( <del>DEDUCT</del> )	<u>47,332.00</u>
REVISED CONTRACT AMOUNT	\$14,782,709.00

McNAMEE, PORTER AND SEELEY

BY *Charles Steel*

Contract No. 77-W-2  
City of Fort Wayne, IN  
DATE: January 7, 1980

ACCEPTED:

DATE

1/11/80

RECOMMENDED:

DATE 1-17-80

DATE 1-17-80

APPROVED &

ADOPTED

DATE

CONTRACTOR: Hagerman-Shambaugh

BY:

Mark F. Hagerman

CITY ENGINEER

Carl E. O'Neal

GENERAL SUPERINTENDENT

CITY UTILITIES

Charles E. Brown

BOARD OF PUBLIC WORKS

BY

Mark F. Hagerman

(Chairman)

Carl E. O'Neal

Sandra E. Kennedy

ATTEST:

Sandra E. Kennedy

Clerk Board of Public Works

DISTRIBUTION:

Owner - 2 ✓

Contractor - 3 (1 information copy)

MP&S - 1

Res. Engr. - 2

Accounting - 1

ADK - 1

Glen Patrick - 1

# Hagerman Construction Corporation

GENERAL CONTRACTORS



Office: 403 Strauss Building • Phone 219-424-1470

P. O. Box 590

FORT WAYNE, INDIANA 46801

November 28, 1979

McNamee, Porter & Seeley  
2223 Packard Road  
Ann Arbor, Michigan 48104

Re: Addition to Filtration Plant  
Fort Wayne, Indiana  
Price Adjustment for Piling

Gentlemen:

Please disregard our letter of November 27, 1979, pertaining to pile quantities as we did not have a complete report on all the piles driven. The following is a resume of the final quantities of pile:

	<u>L. F. Driven</u>	<u>L. F. In Bid</u>	<u>Overage</u>	<u>Unit Price</u>
Unreinforced Piles	75,147	73,000	2,147	16.00
Reinforced Piles	3,376	3,000	376	19.00

• Extra Cost

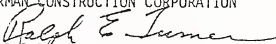
2,147 x 16.00	=	\$	34,352.00
376 x 19.00	=		<u>7,144.00</u>
Total		\$	41,496.00

The deletion of one test pile has been covered by Change Order.

Very truly yours,

HAGERMAN CONSTRUCTION CORPORATION

By

  
Ralph E. Turner

RET:saw

62. K,



# Hagerman Construction Corporation

GENERAL CONTRACTORS



Office: 403 Strauss Building • Phone 219-424-1470

P.O. Box 590

FORT WAYNE, INDIANA 46801

November 30, 1979

McNamee, Porter & Seeley  
2223 Packard Road  
Ann Arbor, Michigan 48104

Re: Filtration Plant Addition  
Fort Wayne, Indiana  
Bulletin #5

Gentlemen:

The following is our breakdown of proposed cost changes as shown in this bulletin:

Item #1 No Change In Price

Item #2

Concrete $\frac{1}{2}$ c.y.	=	\$	26.00
Forms 17 s.f.	=		62.00
Rebar 43#	=		24.00
		\$	<u>112.00</u>
Markup			12.00
Added Cost		\$	<u>124.00</u>

Item #3

Alum. Grating & Frame	Add	\$	80.00
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Item #4

Deduct Conc. for Slab 2.7 c.y.	\$ -	132.00
Add Conc. Curb 33 L.F.		240.00
Reinf. Steel		N.C.
		<u>108.00</u>
Markup		11.00
Added Cost	\$	<u>119.00</u>

Item #5

Subcontract Labor	\$	224.00
Subcontract Material		390.00
Subcontract Markup		92.00
Subcontract Cost		<u>706.00</u>
Markup		71.00
Total Cost Add	\$	<u>777.00</u>

HAGERMAN CONSTRUCTION CORPORATION  
FORT WAYNE, INDIANA

November 30, 1979

2.

Filtration Plant Addition  
Fort Wayne, Indiana  
Bulletin #5

Item #6	Rebar Material - Add 3/4 ton	\$	544.00
	Rebar Labor		185.00
			<u>729.00</u>
	Markup		73.00
	Total Add	\$	<u>802.00</u>
Item #7	Rebars & Conc. Change	Add	\$ 200.00
Item #8A	Steel Columns Add 1300#	Add	\$ 580.00
Item #8B	No change.		
Item #9	Concrete 2 c.y.	\$	100.00
	Form 81 s.f.		243.00
	Rebar 850#		402.00
	Paint		<u>80.00</u>
			825.00
	Markup		125.00
	Total Add	\$	<u>950.00</u>
Item #10a	See Item 8A		
Item #10b,c	Conc. 2½ c.y.	\$	132.50
	Bm form 132 s.f.		330.00
	Rebar 3100#		<u>1,454.00</u>
			1,916.50
	Markup		287.50
	Total Add	\$	<u>2,204.00</u>

Very truly yours,

HAGERMAN CONSTRUCTION CORPORATION

By

Ralph E. Turner

RET:sw

McNAMEE, PORTER AND SEELEY  
CONSULTING ENGINEERS  
ANN ARBOR, MICHIGAN

TO: Hagerman-Shambaugh, Joint Bidders  
403 Strauss Bldg.  
Fort Wayne, IN 46801

DATE: October 29, 1979

ATTENTION: Ralph E. Turner  
Ronald Hoke

PROJECT: City of Fort Wayne, IN  
Water Works Improvements  
Filtration Plant Additions  
Contract 77-W-2

BULLETIN NO 5

INTENT: This is not a change order. This is a request to the Contractor for a detailed price breakdown of proposed changes in the work.

PROPOSED CHANGES:

1. Change principal material of fin tube radiation from steel to copper and aluminum. Provide dielectric unions between copper-aluminum fin tubes and steam supply and return lines.
2. Revise raw water flume in new North Gallery as detailed on supplemental drawing SS-6, which is being issued with this bulletin.
3. Provide aluminum grating and frame at location of fiberglass slide plate SP-16 as shown on Sheet S-6 which has been revised and is being reissued with this Bulletin No. 5.
4. Provide larger concrete openings in slab at elevation 785.00 for ferri-floc and soda ash day bins as shown on Sheet S-6 which is being reissued with this Bulletin No. 5.
5. Provide drain-line from filtered water meter vault (Plant No. 3) to the filtered water valve chamber below the pipe gallery of Plant No. 3.  
  
Filter Building Addition. Sheets S-23, S-27, S-29, S-30 and S-32 are being reissued for clarifications and/or revisions. The principal items are as follows:
6. Sheet S-23.
  - a) Section M-M: Top of beam elevation is clarified.
  - b) Section T-T: Steel reinforcement in slab at elevation 761.00 is revised.
7. Sheet S-27.
  - a) Operating Floor Plan at El. 768.00.
    - 1) A 2-inch slope is required for the slab at elev. 761.00.
    - 2) The location of the expansion joint between the existing and new buildings.

- b) Section E-E.
  - 1) The 14-inch beam is moved to the west.
  - 2) The new wall construction is clarified.
- 8. Sheet S-29.
  - a) The steel columns have been revised.
  - b) The new wall construction has been clarified.
- 9. Sheet S-30.
  - a) The beam adjacent to the existing Filter Building is revised.
- 10. Sheet S-32.
  - a) Steel columns have been revised.
  - b) The beam on the south side of the gallery has been revised.
  - c) A beam on the north side of the gallery has been added.
  - d) Demolition of existing walls and extent of new construction has been clarified.
  - e) Sections 1-1 and 2-2 have been added for clarification.

REASON FOR CHANGES:

- 1. Copper-aluminum is preferred over steel for corrosion resistance and heat transfer. There is no change in contract amount for this material change.
- 2. The concrete bottom slab of the flume must be thickened at the butterfly valve since the lower valve bearing is 10½-inches below the flume invert. Since the flume slab is 12-inches thick at the valve location, this would allow only 1½ inches of concrete slab at the valve location.
- 3. An opening in the concrete slab with an aluminum grating panel is necessary so that slide plate SP-16 may be operated.
- 4. Ferri-floc and soda ash day bins have been lowered to shorten the connecting chute between the bins and their related chemical feeders. There should be no change in contract amount for this item.
- 5. This item provides drainage of the meter vault and confirms previously issued field order.
- 6a. Clarification.
- 6b. Additional reinforcement is required.
- 7a. Clarification.
- 7b. Beam is moved to accommodate dehumidifier duct.
- 8a. Additional strength is required.
- 8b. Clarification.
- 9. Additional strength is required.
- 10 a,b,c. Additional strength is required.
- 10 d, e. Clarification.

It is requested that the spaces provided for the change in contract amount, signature and date be filled in and \_\_\_ copies returned to this office. A quotation, showing the Bulletin Number and the detailed cost setting forth the breakdown of labor, material and markup, is to be attached to each copy of the Bulletin, showing the addition, credit or no charge for each item.

McNAMEE, PORTER AND SEELEY

By Arthur D. Katz

Change in Contract Amount

Net Contract Change \_\_\_\_\_

\$( \_\_\_\_\_ )

BY \_\_\_\_\_

DATE \_\_\_\_\_

DISTRIBUTION:

Contractor - 4  
E. Stanczak - 1  
G. Patrick - 1  
D. Foland - 1  
T. Larder - 1  
A.D. Katz - 1 ✓  
Shop Dwg. file - 1

Enclosures: Supplemental Structural Drawing SS-6 (8½x11)  
Revised Drawings S-6, S-23, S-27, S-29, S-30 and S-32.

REQUEST FOR ACTION

To: CITY ATTORNEY

From: (NAME, TITLE & DEPARTMENT) BOARD OF PUBLIC WORKS

APPROVED BY [Signature]  
(PERSON AUTHORIZED TO FORWARD LEGAL WORK)

DATE: JANUARY 24, 1980

SUBJECT: CHANGE ORDER NO. 6 - WATER CONTRACT NO. 77-W-2 - FILTRATION PLANT ADDITION  
(FILE SUBJECT DESIGNATION)

\*\*\*\*\*

FILE # ASSIGNED BY RECORDS LIBRARIAN

# 4781

\*\*\*\*\*

ACTION REQUESTED: PLEASE PREPARE AN ORDINANCE TO BE INTRODUCED IN COUNCIL ON  
FEBRUARY 12, 1980, APPROVING CHANGE ORDER NO. 6, WATER CONTRACT NO. 77-W-2,  
FILTRATION PLANT ADDITION, HAGERMAN-SHAMBAUGH, JOINT BIDDERS FOR THE PROJECT.

(CONTINUE ON REVERSE SIDE, IF NECESSARY)

CC: CITY ATTORNEY

(IF ORIGINAL REQUEST SENT TO ANOTHER  
ATTORNEY OUTSIDE CITY ATTORNEY'S OFFICE)

DEPARTMENT HEAD OF REQUESTING PARTY

TITLE OF ORDINANCE SPECIAL ORDINANCE - CHANGE ORDER NO. 6, WATER CONTRACT NO. 77-W-2  
WATER WORKS IMPROVEMENTS - FILTRATION PLANT ADDITIONS

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE CHANGE ORDER NO. 6, WATER CONTRACT NO. 77-W-2, WATER WORKS IMPROVEMENTS,  
FILTRATION PLANT ADDITIONS, HAGERMAN-SHAMBAUGH, JOINT BIDDERS FOR THE PROJECT, FOR THE  
INSTALLATION OF ADDITIONAL PILES (METAL CASINGS FILLED WITH CONCRETE, DRIVEN FIFTY FEET OR  
SO INTO GROUND TO SUPPORT STRUCTURE BEING CONSTRUCTED). *S-80-02-09*

TOTAL REVISED CONTRACT AMOUNT INCLUDING THIS CHANGE ORDER \$14,782,709.00

EFFECT OF PASSAGE ACQUISITION OF ADDITIONAL PILES NEEDED FOR STRUCTURE SUPPORT

EFFECT OF NON-PASSAGE STRUCTURE BEING CONSTRUCTED WOULD NOT HAVE NECESSARY FOUNDATION &  
SUPPORT TO WITHSTAND WEIGHT OF BUILDING UNDER CONSTRUCTION

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) \$47,332.00 FROM BOND ISSUE

ASSIGNED TO COMMITTEE \_\_\_\_\_